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(54) Title: CULTURED CD14+ ANTIGEN PRESENTING CELLS

(57) Abstract: The present invention provides isolated CD14⁺ antigen presenting cells, e.g., dendritic cells and isolated and enriched populations thereof as well as methods for isolation and enrichment. Also provided are methods for using the CD14⁺ antigen-presenting cells to modulate T cell responses *in vivo*, *in vitro*, and *ex vivo*.

INTERNATIONAL SEARCH REPORT

International application No

PCT/US04/03974

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12N 5/00, 5/02, 5/06, 5/08, 5/10; A61K 39/00, 38/39
 US CL : 435/325, 355, 372; 424/184.1, 277.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 435/325, 355, 372; 424/184.1, 277.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 WEST, Medline, Caplus, Promt, Biosis, Embase

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SHORTMAN, K., et al. Mouse and Human Dendritic Cell Subsets. Nat. Rev. Immunol. March 2002, Vol. 2, pages 151-161, see entire document.	1-4
Y		5-49
X	ENGERING, A., et al. Subset of DC-SIGN+ dendritic cells in human blood transmits HIV-1 to T lymphocytes. Blood. 1 September 2002, Vol. 100, No. 5, pages 1780-1786, see entire document.	5
Y	HORIGUCHI, Y., et al. Screening of HLA-A24-restricted Epitope Peptides from Prostate-specific Membrane Antigen That Induce Specific Antitumor Cytotoxic T Lymphocytes. Clin. Cancer Res. December 2002, Vol. 8, pages 3885-3892.	1-4 and 6-49
		1-49

Further documents are listed in the continuation of Box C.

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"O"	document referring to an oral disclosure, use, exhibition or other means		
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